Amendments to the Claims:

Revise the claims as set forth below. This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1.   (Previously presented) A data management system comprising:

a processing device;

memory containing executable instructions that cause the processing device to perform as a knowledge container creator module operative to create at least a first data descriptor item and at least a second data descriptor item based upon a raw data item, capable of containing data representing raw data that is in one of a plurality of different formats, and to link the raw data item to at the least a first data descriptor item, to link the raw data item to the at least a second data descriptor item; and

wherein the first data descriptor item is in the form of a context descriptor, and wherein the second data descriptor item is in the form of at least a data access instructions descriptor.

2. – 4. (Cancelled)

5.   (Previously presented) A data management system comprising:

a processing device; and

memory containing executable instructions that cause the processing device to perform as a knowledge container creator module operative to link a raw data item that is in one of a plurality of different formats, to at least a first data descriptor item, in XML format, wherein the first data descriptor item is in the form of a context descriptor containing descriptive information about the raw data item, and wherein the knowledge container creator module is operative to link the raw data item to at least a second data descriptor item, in XML format, wherein the second data descriptor

item is in the form of at least a data access instructions descriptor, providing instructions on how to access the raw data in the raw data item;

a knowledge container searcher module operative to retrieve the raw data item by searching at least one of: the first and second data descriptor items; and

a base knowledge container update module that is operative to format the raw data item into a specific XML knowledge container format.

6. (Original) The data management system of claim 5 wherein the knowledge container creator module is operative to generate the first data descriptor item based upon the raw data item.

7. (Original) The data management system of claim 5 further comprising a base knowledge container update module that is operative to generate the second data descriptor item based upon the raw data item.

8. (Original) The data management system of claim 5 further comprising a base knowledge container update module that is operative to format the first and second data descriptor items in XML knowledge container format.

9. (Original) The data management system of claim 6 further comprising:

a knowledge container administrator module operative to modify a template descriptor item, for creating the first data descriptor item and for searching the first and second data descriptor items, wherein the template descriptor item includes at least one of:

template knowledge containers, for providing the inputs for entering the context descriptor,

search template knowledge containers, for providing the inputs for searching the data descriptor items, and

dictionary knowledge containers, for identifying keywords.

10. (Original) The data management system of claim 9 wherein modifying template descriptor item includes at least one of: adding fields, removing fields, adding keywords and removing keywords.

11. (Original) The data management system of claim 5 further comprising:

a knowledge container administrator module operative to create knowledge transformation information by extrapolating data from the raw data item and operative to link the raw data item to the knowledge transformation information.

12. (Currently amended) The data management system of claim [[11]]5 wherein the knowledge container administrator module is operative to create a knowledge model using knowledge discovery techniques on the raw data item in the form of at least one of: decision trees, rule sets, neural networks and expression trees.

13. (Cancelled)

14. (Currently amended) The data management system of claim [[13]]8 wherein the base knowledge container update module generates a keyword descriptor by processing the raw data item.

15. (Original) The data management system of claim 5 further comprising a knowledge container database operative to store the raw data item, the first data descriptor item, and the second data descriptor item.

16. (Original) The data management system of claim 15 wherein the base knowledge container comprises:

a knowledge source depository containing the raw data item; and

a metaknowledge depository containing the at least two data descriptor items associated with the raw data item.

17.   (Currently amended) The data management system of claim 15 wherein the [[base]]knowledge container database further comprises a knowledge representation depository containing [[the]]knowledge transformation information generated from the raw data item.

18.   (Original) The data management system of claim 17 wherein the knowledge transformation information is in the form of at least one of: knowledge model and summary report.

19.   (Original) The data management system of claim 18 wherein the knowledge model is in the form of at least one of: decision trees, rule sets, neural networks and expression trees.

20.   (Original) The data management system of claim 15 wherein the first and second data descriptor items are in the form of at least one of the following: decision-support data descriptor, keyword descriptor, context descriptor and data access instructions descriptor.

21.   (Previously Presented) The data management system of claim 15 wherein the raw data item, the first descriptor item and the second descriptor item are stored in a XML data blocks.

22.   (Original) The data management system of claim 21 wherein the XML data blocks are defined by a data block definition with a form including at least one of: a table and a matrix.

23–24. (Cancelled)

25.   (Previously presented) A computer readable medium containing programming instructions for processing data, the computer readable medium including programming instructions for:

linking a raw data item, capable of containing data representing raw data stored that is in one of a plurality of different formats, to at least a first data descriptor item wherein the first data descriptor item is in the form of a context descriptor, containing descriptive information about the raw data item,

linking the raw data item to at least a second data descriptor item, wherein the second data descriptor item is in the form of at least a data access instructions descriptor, providing instructions on how to access the raw data in the raw data item;

locating the raw data item by searching at least one of: the first and second data descriptor items;

generating knowledge transformation information by extrapolating data from the raw data item; and

creating the first and second data descriptor items based upon the raw data item.

26.   (Cancelled)

27.   (Previously presented) A data management system comprising:

a processing device; and

memory containing executable instructions that cause the processing device to perform as

a knowledge container creator module operative to create at least a first data descriptor item and at least a second data descriptor item based upon the raw data item, capable of containing data representing raw data that is in one of a plurality of different formats, and to link a raw data item to at the least a first data descriptor item, and the knowledge container creator module operative to link the raw data item to the at least a second data descriptor item, wherein the second data descriptor item is in the form of at least a decision-support data descriptor, containing a decision-support information generated from the raw data;

a keyword descriptor, identifying keywords contained in the raw data item, and

a data access instructions descriptor, providing instructions on how to access the raw data in the raw data item; and

a knowledge container searcher module operative to retrieve the raw data item by searching at least one of: the first and second data descriptor items;

a knowledge container administrator module operative to modify template descriptor item for creating the first data descriptor item and for searching the first and second data descriptor items, wherein the template descriptor item includes at least one of:

template knowledge containers, for providing the inputs for entering the context descriptor,

search template knowledge containers, for providing the inputs for searching the data descriptor items, and

dictionary knowledge containers, for identifying keywords, and the knowledge container administrator module operative to create knowledge transformation information by extrapolating data from the raw data item and operative to link the raw data item to the knowledge transformation information; and

a base knowledge container update module operative to format the raw data item into an XML knowledge container format, and to generate a keyword descriptor by processing the raw data item;

a knowledge container database operative to store the raw data item, the first descriptor item and the second descriptor item and the knowledge container database further having:

a knowledge source depository containing the raw data item;

a metaknowledge depository containing the data descriptor item associated with the raw data item; and

a knowledge representation depository containing the knowledge transformation information generated from the raw data item.

28.   (New) A data management system comprising:

a processing device;

memory containing executable instructions that cause the processing device to perform as a knowledge container creator module operative to create at least a first data descriptor item and at least a second data descriptor item based upon a raw data item, capable of containing data representing raw data that is in one of a plurality of different formats, and to link the raw data item to at the least a first data descriptor item, to link the raw data item to the at least a second data descriptor item, wherein the first data descriptor item is in the form of a context descriptor, and wherein the second data descriptor item is in the form of at least a data access instructions descriptor, and the executable instructions cause the processor to generate a plurality of knowledge models for the raw data item by analyzing information in the raw data item wherein the plurality of different knowledge models are in different formats.